

IO1276 Magnets Feeder Technician TKM-111

General information

Job category	Standard
Status	Published
Department	DIP/Directorate for Tokamak
Division	TKM / Magnet Division
Section	TKM / MAG / Superconductor Systems and Auxiliaries Section

Job description

Main job	Engineering - Generalist
Title of the position	Magnets Feeder Technician TKM-111
Job family	Experienced Technician - 1
Grade	G4
Direct employment	Required
Purpose	<p>To assist the preparation/ updating of feeder procurement and quality control documents;</p> <p>To participate in feeder design and updating activities;</p> <p>To contribute to the follow up of the feeder procurement and assembly activities;</p> <p>To monitor the status / progress of feeder procurement activities.</p> <p>Follows up procurement for the feeders, in the technical areas of High Voltage insulation, vacuum / cryogenic technology, superconductivity;</p> <p>Assists in the preparation and updating of feeder design, procurement and quality control documentation such as design descriptions, interface control documents, procurement and quality control documents, etc;</p> <p>Participates in feeder design activities such as developing detailed designs, validating designs with the help of analysis experts, making and checking feeder drawings, making and checking interfaces between the magnets and external components, and maintaining Computer Aided Design (CAD) drawings and models for the design of the feeders;</p> <p>Contributes to monitoring feeder procurement and assembly activities. This covers the processing of deviation requests, the implementation of procedures for Quality Control monitoring, the assessment of quality control reports, , and also requires visits to production facilities,;</p>
Main duties / Responsibilities	<p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;</p> <p>Performs other duties linked to the above purpose upon management request, as necessary;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p> <p>Reports to Superconductor Systems & Auxiliaries Section Leader;</p> <p>Interfaces with members in feeder team and other sections in the Magnet Division, with other departments as required by the feeder design and with the Domestic Agency and its industries regarding fabrication;</p> <p>In response to requests from the Director-General and/or Director of Tokamak (TKM) Directorate, or proactively, informs the DG/ Director of TKM Directorate of any important and urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives.</p>
Measures of effectiveness	<p>Organizes / updates feeder procurement and interface documents;</p> <p>Performs procurement follow up during fabrication;</p> <p>Provides maintenance of feeder schedule.</p> <p>Project Construction Phase</p>

Applicant criteria

Level of study	At least Bachelor's degree or equivalent
Diploma	Mechanical Engineering or other related discipline

Level of experience	At least 5 years
Technical experience	Experience as a technical designer or project engineer in a large multidisciplinary project or institute; Familiarity with superconducting coil design and manufacture; Experience with cryogenic engineering; Experience with high voltage systems; Experience with welding and Non Destructive Testing procedures; Experience with maintenance of engineering drawings; Familiarity with mechanical design codes and standards such as ASME or EN; Experience in supervising fabrication of superconducting components in industry;
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	Demonstrated ability to write good quality technical reports.
Languages	Experience with project environment is a plus.
Specific skills	English (Working) MS Office standard (Word, Excel, PowerPoint, Outlook)